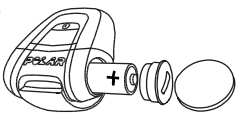
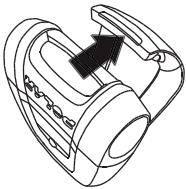
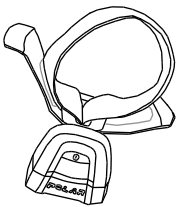
1.



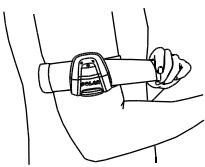

2.



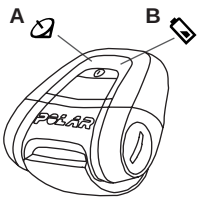
3.




4.



5.



Congratulations! You are now the proud owner of a Polar G3 GPS sensor. Polar G3 provides speed and distance data in all outdoor sports using Global Positioning System (GPS) technology.

The Polar G3 sensor determines your location by measuring the distance between itself and at least four satellites. The sensor uses Polar W.I.N.D. 2.4 GHz wireless transmission technology to transmit speed and distance data to a compatible Polar product, like the RS800, which records and displays the data.

Polar G3 is resilient and water resistant - you can depend on its performance regardless where you train!

## Using Polar G3 Sensor

### Inserting Battery

1. See picture 1 on the front cover. Open the battery cover by turning it counterclockwise with a coin.
2. Place the battery inside with the positive (+) side facing the cover.
3. Close the cover by turning it clockwise with a coin.

### Wearing Polar G3 Sensor

1. Push to open the clip (Picture 2).
2. Thread the armband loosely through the loops on the clip and fasten (Picture 3). You can fasten the sensor on a belt or on the top of a backpack without the armband.
3. Position the armband round your upper arm and fasten (Picture 4). Place the sensor and the Polar product on the same arm. Make sure that the "GPS sensor" text and symbol are facing upwards and away from you.

### Turning Polar G3 Sensor On/Off

To best catch satellite signals, go outdoors and away from tall buildings and trees. Press the button shortly to turn the sensor on. A flashing light indicates the power mode (low/full). Then a red light will flash as the sensor searches for satellite signals (Picture 5 a). Acquiring satellite signals for the first time typically takes 30-60 seconds. The sensor will find the signals faster if you keep the sensor immobile during the search. A green light will then flash when the signals are found and location is determined. Your Polar G3 sensor is now ready for action.

*The G3 sensor works like a Polar s3 stride sensor in providing speed and distance data to the Polar RS800. All you need to do is enter the settings as instructed in Using Polar G3 Sensor With Polar RS800.*

To turn the sensor off, press the button for one second. The power switches off automatically if the sensor cannot locate satellite signals or the sensor location does not change for 15 minutes.

For instructions on how speed and distance data are displayed on your Polar product, please see the corresponding user manual.

### Switching Power Mode

You can use the Polar G3 sensor in low or full power mode. The default mode is full power mode. By using the low power mode, you can increase battery life by up to 40 %. For maximum accuracy of speed and distance measurement, use full power mode.

When the sensor is activated, press the button for five flashes to change modes. A light flashes four times on both sides; the green light indicating full power mode activation or the red light indicating low power mode activation.

Everytime you turn the sensor on, the flashing light indicates which mode is activated.

## Using Polar G3 Sensor With Polar RS800

When combined with the RS800, the G3 is part of the most advanced and powerful training systems available.

The G3 communicates speed and distance to your RS800 like your Polar s3 stride sensor does, except that it is manually turned on and off. While the s3 provides running cadence and average stride length, the G3 does not. Therefore cadence and stride length measurement will not work when the G3 sensor is in use, but this will not have any negative effect on your speed and distance readings / data file. Also notice that the Running Index feature in RS800 is designed for monitoring your performance only in running sports. Polar G3 sensor and s3 stride sensor cannot be used at the same time.

To use the G3 sensor you need to have the following settings on your RS800.

- Switch the speed and distance function on by selecting **Settings** > **Features** > **S sensor** > **On/Off**.
- The RS800 has to be taught to communicate with the G3 sensor. The sensor must be turned on before teaching and no s3 sensor should be nearby. Select **Settings** > **Features** > **S sensor** > **New sensor**. **Teach new sensor?** is displayed. Select **Yes** to confirm teaching. **Completed!** is displayed.
- The calibration factor must be 1.000. You can set the factor manually by selecting **Settings** > **Features** > **S sensor** > **Calibrate**. Set the Calibration factor to 1.000 and press OK. The sensor is now calibrated.

*If speed values exceed 55 km/hour, they are divided by 10. For example, 56 km/hour will be displayed 5.6 km/hour.*

**Battery replacement**
The red battery indicator light flashes, when battery is low (Picture 5 b). Change the battery yourself by following the instructions in Using the Polar G3 Sensor.

Use an AA-sized alkaline battery. We recommend you use a lithium battery or rechargeable NiMH battery in temperatures 5°C and below. Cold temperature decreases the life of an alkaline battery.

*Keep batteries away from children. If swallowed, contact a doctor immediately. Batteries should be disposed of in compliance with local regulations.*

**Care and Maintenance**
The following instructions will help you fulfill guarantee obligations.

- Wash the armband in a washing machine at 40°C / 104°F. Use a washing pouch. Do not soak, nor use detergent with bleach or fabric softener. Do not dry-clean. Do not spin-dry or iron.
- Clean the sensor with a mild soap and water solution. Dry it with a towel. Never use alcohol or abrasive materials (steel wool or cleaning chemicals). Never put the sensor in a washing machine or drier.
- Keep the sensor and the armband in a cool and dry place. Do not store wet in non-breathing material, such as a sports bag. Do not expose to direct sunlight for extended periods.

### Service
During the warranty period, service the product at an authorized Polar Service Center only. The warranty does not cover damage caused by unauthorized service. See Limited International Polar Guarantee.

### Using the G3 Sensor in Water
Polar G3 sensor is water resistant. It can be safely worn in the rain or while crossing rivers or canoeing. The GPS reception system does not function under water.

## Troubleshooting
**If speed or distance readings are irregular or show zero**, something in your surroundings may be blocking satellite signal reception (e.g. a building or terrain). If the sensor cannot locate the satellite signals, it will not be able to calculate its location. Speed values may therefore show zero. Distance is measured between the last location before the shadow area, and the first location after the shadow area in a straight line, i.e. curves are not counted.

In low speeds (below 3km/hour), accuracy decreases causing variation in speed values.

**If the button does not react**, press it for ten green light flashes to reset the sensor. The red light flashes twice on both sides when the sensor resets. If this does not work, the battery may be empty.

## Technical Specifications

| | |
|---|---|
| Transfer frequency: | 2.4 GHz |
| Battery type: | One AA sized battery |
| Battery life in full power mode: | Average 10 hours of use (20 °C / 68 ºF)* |
| Operating temperature: | -20 °C to +60 °C / -4 ºF to 140 ºF |
| Accuracy (Distance): | +/-2% |
| Accuracy (Speed): | +/- 2km/h |
| Water resistance: | 20 m |
| Armband material: | Flexible textile strap: 34 % polyamide, 33 % polyester, 33 % rubber. Other parts: polyamide, silicone. |

*Battery life varies depending on battery type and operating temperature.

## Limited International Polar Guarantee

- This limited Polar international guarantee is issued by Polar Electro Inc. for the consumers who have purchased this product in the USA or Canada. This limited Polar international guarantee is issued by Polar Electro Oy for the consumers who have purchased this product in other countries.
- Polar Electro Inc. / Polar Electro Oy guarantees to the original consumer/purchaser of this product that the product will be free from defects in material or workmanship for two years from the date of purchase.
- **Please keep the receipt and stamped Polar Customer Service Card. The receipt is your proof of purchase!**
- The guarantee does not cover the battery, damage due to misuse, abuse, accidents or non-compliance with the precautions; improper maintenance, commercial use, cracked or broken cases and armband.

- The guarantee does not cover any damage/s, losses, costs or expenses, direct, indirect or incidental, consequential or special, arising out of, or related to the product. During the guarantee period the product will either be repaired or replaced at an authorized service center free of charge.
- This guarantee does not affect the consumer's statutory rights under applicable national or state laws in force, or the consumer's rights against the dealer arising from their sales/purchase contract.

CE
This product is compliant with Directive 93/42/EEC. The relevant Declaration of Conformity is available at www.support.polar.fi/declaration_of_conformity.

This crossed out wheeled bin marking shows that Polar products are electronic devices and are in the scope of Directive 2002/96/EC of the European Parliament and of the Council on waste electrical and electronic equipment (WEEE). These products should thus be disposed of separately in EU countries. Polar encourages you to minimize possible effects of waste on the environment and human health, also outside the European Union by following local waste disposal regulations and, where possible, utilizing separate collection of electronic devices.

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